

In the Claims:

Kindly cancel Claim 5.

Kindly amend Claims 6 and 7 as follows:

6. (Amended) A process according to Claim 12, wherein the polyisocyanate is reacted with the polyamine in a solution of the rubber or in an emulsion of the rubber solution and water.

7. (Amended) A process according to Claim 12, wherein the relative amounts of polyisocyanate used to polyamine used is 0.7 to 1.3 mol of isocyanate groups per mol of amine groups and an excess of water is optionally used.

Kindly add the following new Claim 12:

--12. A process for preparing polyurea-filled rubber mixtures comprising a rubber and 1 to 300 parts by wt., with respect to 100 parts by wt. of rubber, of a polyurea filler with a particle size of 0.001 to 500 μm and optionally, further rubber auxiliary substances and cross-linking agents, comprising the step of reacting a polyisocyanate with a polyamine in a solution of the rubber or in an emulsion of the rubber solution and water. --